

JORASZ, Elzbieta; LEWANDOWSKI, Jerzy

Chordoma of the thoracic spine. Pol. przegl. chir. 33 no.12:1509-1514 '61.

1. Z Kliniki Radiologicznej AM w Krakowie Kierownik: prof. dr St. Januszkiewicz i z II Kliniki Chirurgicznej AM w Krakowie Kierownik: prof. dr J. Oszański.  
(SPINE neopl) (CHORDOMA case reports)

LEWANDOWSKI, Jerzy

Results of the surgical therapy of goiter. Pol. przegl. chir.  
35 no.4:285-289 '63.

1. Z II Kliniki Chirurgicznej AM w Krakowie Kierownik: prof.  
dr J. Ossacki.

(GOITER) (HYPERTHYROIDISM)  
(SURGERY, OPERATIVE) (STATISTICS)

ZAPALA, Zdzislaw; LEWANDOWSKI, Jerzy

Immediate and remote results of the treatment of closed liver injuries in children. Pol. przegl. chir. 36 no.4:445-447  
Ap '64.

1. Z II Kliniki Chirurgicznej Akademii Medycznej w Krakowie  
(Kierownik: prof. dr J. Oszacki).

LEWANDOWSKI, Jerzy

Secretion of neutral red and methylene blue through the gastric mucosa in gastric and duodenal ulcer and in gastric cancer.  
Folia med. Cracov. 7 no.1:83-95 '65.

ADAMCZYK, Bogumil; GORNIAK, Antoni; LEWANDOWSKI, Jerzy; KULPA, Jan

Comparative studies on the degree of glomerular filtration and phenol red excretion 6 months after cholecystectomy in lithiasis. Pol. przegl. chir. 37 no.1:37-40 Ja '65

1. Z Instytutu Onkologii, Oddział w Krakowie (kierownik: prof. dr. H. Kolodziejaska) i z II Kliniki Chirurgicznej Akademii Medycznej w Krakowie (kierownik: prof. dr. J. Oszacki).

ADAMCZYK, Bogumił; LEMANIŃSKI, Jerzy; GORNIAK, Antoni

Comparative studies on phenol red excretion in patients with ulcer of the stomach and duodenum 6 months after partial gastrectomy. Pol. przegl. chir. 37 no.3:226-231 Mr '65.

1. Z Instytutu Onkologii Oddział w Krakowie (Dyrektor: prof. dr. H. Kołodziejaska) i z II Kliniki Chirurgicznej Akademii Medycznej w Krakowie (Kierownik: prof. dr. J. Oszański).

LEWANDOWSKI, K.

The fulfillment of the resolutions concerning the maintenance of roads as adopted at the national conventions of December 1955 and April 1956. p. 19.  
(DROGOWNICTWO. Vol. 12, no. 1, Jan. 1957. Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

LEWANDOWSKI, K.

Actual repairs in the yearly plan of road conservation. p. 109. (Drogownictwo, Vol. 12, No. 5, May 1957, Warsaw, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.



RACZKA, Jan; LEWANDOWSKI, Kazimierz

Production and casting properties of spheroidal cast iron with increased silicon content. Prace inst odlew 12 no. 4: 292-309 '62 [publ. '64].

Properties and use of spheroidal cast iron with increased silicon content. Ibid.: 310-332.

1. Laboratory of Cast Iron, Institute of Casting, Katowice.

LEWANDOWSKI, L.

Certain problems concerning the difference between the organization of the cooperative farm and the state farm . p. 89 ZAGADNIENIA EKONOMIKI ROLNEJ. Warszawa. Vol 5, No 1, Jan 1956

SOURCE: East European Accession List (EEAL) LC Vol. 5, No 3, March 1956

LEWANDOWSKI, L.

The problems of standards for testing molding materials. p. 169/

(PRZEGLAD ODLEWNICTWA. Vol. 7, No. 6, June 1957, Krakow, Poland.)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol.6, No. 10, October 1957. Uncl.

LEWANDOWSKI, L.

The Influence of Various Factors on the Permeability and Strength of Green Sand Molds, p. 245.

PRZEGIAD ODLEWNICTWA (Stowarzyszenie Techniczne Odlewikow Polskich)  
Krakow, Poland  
Vol. 9, no. 8, August 1959.

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, No. 11,  
November 1959.  
Uncl.

JANUSZEWICZ, P.; KOSTECKI, J.; WERTZ, Z.; LEWANDOWSKI, L.

"Non-metallic mineral raw materials in the foundry industry"  
by P.Januszewicz, J.Kostecki and Z.Wertz. Reviewed by .  
L. Lewandowski. Przegl odlew 11 no.12:374 '61.

OLSZAKSKI, Marian; POLAKOWSKI, Lech

laboratory research on the usefulness of montmorillonite clays  
from the Bytom Trough for metallurgical purposes. Przegl geol  
11 no.9:422-423 1963

1. School of Mining and Metallurgy, Krakow.

LEWANDOWSKI, Lech, Dr. Inz.

Fluidity and uniform density of mixes in pressed moulds. Huta  
Lenina prace no.9:79-87 My '61.

LEWANDOWSKI, Lech

Research on the flowability of synthetic molding sands.  
Metal i odlew 38 no.8:99-131. '61.

1. Katedra Technologii Formy Akademii Gorniczo-Hutniczej, Zaklad  
Materialow Formierskich.



OLSZEWSKI, Marian, prof. inż., LEWANDOWSKI, Lech, dr inż.

Possibilities of using carboniferous montmorillonite  
rocks in the foundry industry. Przegl odlew 13 no. 10:  
241-245 0 '63.

CZIKEL, Joseph, prof. dr inz. (Freiberg), LEWANDOWSKI, Lech, dr  
inz. [abstractor and translator]

Studies on the permeability and gas generation of molding  
materials and possibilities of utilizing the results of  
these studies in the founding practice. Przegl odlewn  
13 no. 11: 279-286 N '63.

LEWANDOWSKI, Lech

Standard for molding clay testing. Przegl odlew 14 no.3:74-77  
Mr:64.

LEWANDOWSKI, Lech

POLAND

OLSZEWSKI, Marian; LEWANDOWSKI, Lech

Academy of Mining and Metallurgy (Akademia Gorniczo-Hutnicza)

Warsaw Przegląd geologiczny, No 9, Sept 63, pp 422-423.

"Laboratory Investigations of the Utilization of the Montmorillonite Clays for Metallurgical Use from the Bytom Trough".

OLSZEWSKI, Marian; JABLONSKI, Jerzy; LEWANDOWSKI, Lech

Studies on the regeneration of molding sands with water glass.  
Metal i odlew no.10:121-122 '63.

1. Katedra Technologii Formy, Akademia Gorniczo-Hutnicza, Krakow.

OLSZEWSKI, Marian, Mgr.Inz.; JABLONSKI, Jerzy, Magr.Inz.; LEWANDOWSKI, Lech,  
Dr.Inz.

Research on ~~the~~ determination of basic parameters for the regeneration  
of mixes by water-glass. Huta Lenina prace no.9:64-78 My '61.

LEWANDOWSKI, Lech, dr inż.

Cohesion of sand mixes in their humid state and anisotropy  
of their strength properties. Przegl odlew 12 no.8/9:246-254  
Ag-S '62<sub>m</sub>

LEWANDOWSKI, Lech, dr inz.

"Plastics in foundry modeling" by H. Wasowicz. Reviewed by  
Lech Lewandowski. Przegl odlew 13 no.7:196, 3 of cover  
Jl '63.



LEWANDOWSKI, Lech

Theoretical analysis of the influence of the interface on the cohesion of green molding sands. Metal i odlew no.10:15-38 '63.

1. Katedra Technologii Formy, Akademia Gorniczo-Hutnicza, Krakow.

LEWANDOWSKI, Lech

Influence of the basic factors on the flowability of synthetic molding sands. Metal i odlew no.10:117-119 '63.

1. Katedra Technologii Formy, Akademia Gorniczo-Hutnicza, Krakow.

LEWANDOWSKI, Jech

Influence of the flowability on the packing uniformity of pressed molds. Metal i odlew no.10:123-124 '63.

1. Katedra Technologii Formy, Akademia Gorniczo-Hutnicza, Krakow.

POLAND

STEDZIOBODZKI, Kazimierz, Dr., BAK, Tadeusz, and LEWANDOWSKI, Leslaw: Chair of Pharmacology (Katedra Farmakologii) Veterinary Division (Wydział Weterynaryjny) (Director: Docent Dr. Tadeusz BARBULINSKI) and the Chair of Feed Sciences (Katedra Paszoznawstwa) of the Zoot[iology?] Division (Wydział Zoot[iologii?]) (Director: Prof. Dr. Mieczyslaw CENA), WSR [Wyższa Szkoła Rolnicza, Higher School of Agriculture] in Wrocław

"Intoxication of a Heifer with Chaerophyllum."

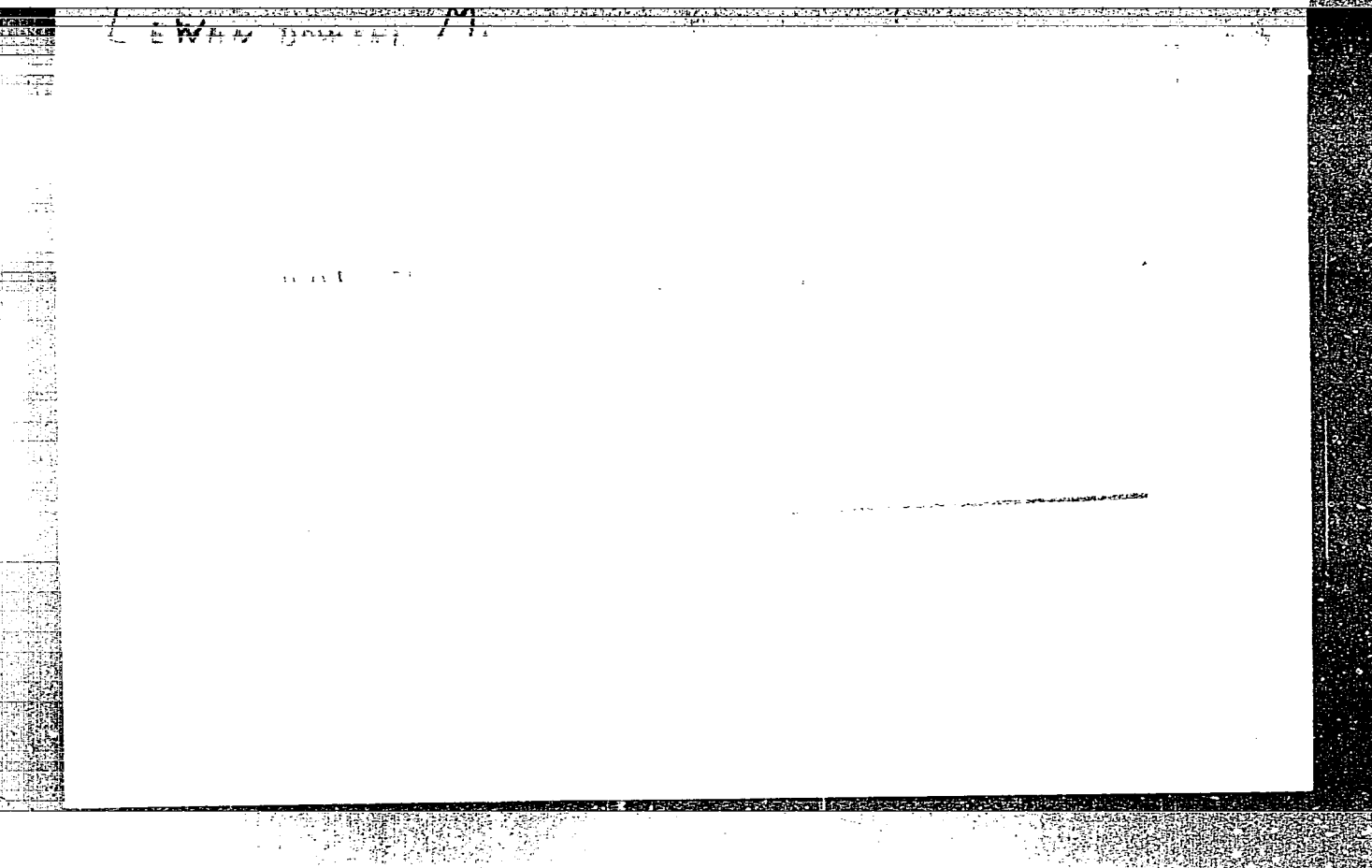
Warsaw-Lublin, Medycyna Weterynaryjna, Vol 19, No 6, Jun 63, pp 309-310

Abstract: [Authors' English summary] Authors describe a case of a heifer's intoxication with Chaerophyllum bulbosum ending in violent death. Section revealed congestion of the mucous membrane of the small intestine and congestion and oedema of the liver. Chaerophyllum roots were found in gastric contents, and Chaerophyllum temulum stalks were found twice in hay samples. No early manifestations of the poisoning could be obtained. The 11 references contain 5 Polish, 4 Soviet, and one each German and English.

I/1

"APPROVED FOR RELEASE: Monday, July 31, 2000

CIA-RDP86-00513R000929710



APPROVED FOR RELEASE: Monday, July 31, 2000

CIA-RDP86-00513R000929710C

Country : Poland  
Category : Diseases of Farm Animals.  
          General Problems. R-1  
Abs. Jour. : RZBiol., No. 4, 1959, No. 16800  
Author : Lewandowski, Mieczysław  
Institut. : --  
Title : Clinical Observations on Luminal Narcosis in  
          Dogs  
Orig Pub. : Med. weteryn., 1956, 12, NO.11, 673-679  
Abstract : No abstract

Card: 1/1

KLEPACZKO, Franciszek; LEWANDOWSKI, Mieczyslaw(Lublin)

Method of closing the inguinal annuli in the course of castrating  
cryptorchids. Roczn. nauki roln. 70 no.1/4:106-108 '60.  
(EEAI 10:9)

(Stallions) (Castration)

LEWANDOWSKI, Mieczyslaw

SURNAME, Given Names

Country: Poland

Academic Degrees: not given

Affiliation: Surgical Clinic (Klinika Chirurgiczna), Veterinary Division  
(Wydział Weterynarii), College of Agriculture (WSR--Wyższa  
Szkoła Rolnicza), Lublin; Director: Acting Professor Franciszek

Source: KLEPACZKO, Dr.

Source: Warsaw, Medycyna Weterynaryjna, Vol XVII, No 5, May 1961,

Data: pp 268-269.

Data: "Observations on the Action of Tranquilin in Horses."



LEWANDOWSKI, Mieczyslaw

SURNAME, Given Names

Country: Poland

Academic Degrees: Docent dr.

Affiliation: Surgical Clinic (Klinika Chirurgiczna), Veterinary Division (Wydział  
Weterynarii), Higher Agricultural School (WSR-- Wyzsza Szkola Rolnicza)  
Lublin; Director: Acting Profesor Franciszek KLEPACZKO, dr.

Source: Warsaw, Medycyna Weterynaryjna, Vol XVII, No 8, August 1961, pp 487

Data: "On Castration of Adbominal Double Rigs."

140

GPO 791641

LEWANDOWSKI, Mieczyslaw (Plock); SLEDZIEWSKI, Marek (Plock)

Preparation of the technological elements for the construction  
on the territory of the "Petrobudowa" Project. Przegl budowl  
1 bud mieszk 34 no.4/5:235-239 Ap-My 62.

POLAND

LEWANDOWSKI, Mieczyslaw and KOMAR, Edward, Chair of Surgery (Katedra Chirurgii) of the Veterinary Division (Wydział Weterynaryjny), WSR [Wyższa Szkoła Rolnicza, Higher School of Agriculture] in Lublin (Director: Docent, Dr. Mieczyslaw LEWANDOWSKI)

"Narcosis Produced by Steroids."

Warsaw-Lublin, Nedycyna Weterynaryjna, Vol 19, No 5, May 63, pp 241-244.

Abstract: Authors experiments on dogs and cats involved the comparative effects of steroids, Sunarcon, and steroids in combination with drugs containing chlorpromazine. They detail the effect of the steroids on the various centers and reflexes and find, on the whole, that although independently ineffective for cats, steroids produce in dogs anaesthesia lasting 30--60 minutes, and that in combination with chlorpromazine they produce a powerful anaesthetic for both cats and dogs, without side effects and with no problems in its intravenous administration. The three references are in German.

1/1

LEWANDOWSKI, R.

Observations on the International Gliding Competition in 1954 at Leszno. p.122.  
(TECHNIKA LOTNICZA, Warszawa, Vol. 9, No. 5, Sept./Oct. 1954)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, June 1955,  
Uncl.

LEWANDOWSKI, R.

The National Exhibition of Inventions and Technological Progress in Breslau. p. 126.  
(TECHNIKA LOTNICZA, Warszawa, Vol. 9, No. 5, Sept./Oct. 1954)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, June 1955, Uncl.

LEWANDOWSKI, R.

Height of flight, its distinct aspects, measurement, and methods of reduction. p.2.  
(TECHNIKA LOTNICZA, Warszawa, Vol. 10, No. 1, Jan./Feb. 1955)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, June 1955,  
Uncl.

LEWANDOWSKI, R.

The height of flight, its distinct aspects, measurement, and reduction methods. p.44.  
(TECHNIKA LOTNICZA, Warszawa, Vol. 10, No. 2, Mar./Apr. 1955)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, June 1955,  
Uncl.

LEWANDOWSKI, R.

From the experience of Czechoslovak parachutists. p. 12.

SKRZDLATA POLSKA. (Liga Lotnicza) Warszawa, Poland.  
Vol.11, no.30, July 1955.

Monthly list of East European Accessions (EEAI) LC, Vol.9, no.1, Jan. 1959.

Uncl.



LEWANDOWSKI, Ryszard

Lewandowski, Ryszard, "Review of Tourist (Sport) Planes," Przegląd Lotniczy, Warsaw,  
Mar-Apr 57, pp 48-52.

LEWANDOWSKI, R.

TECHNOLOGY

Periodicals: TECHNIKA LOTNICZA. Vol. 13, no. 4, July/Aug. 1958

LEWANDOWSKI, R. After the World Gliding Championship in Leszno, 1958 p. 93

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2,  
February 1959, Unclass.

KEMULA, W.; BUCHOWSKI, H.; LEWANDOWSKI, R.

Distribution studies. Pt. 1. *Bul chim PAN* 12 no.4:267-272 '64.

1. Department of Inorganic Chemistry, University, Warsaw.  
Presented by W. Kemula.

SOV/94-58-10-14/20

AUTHOR: Lewandowski , R.K.,

TITLE: Mechanical Contact Rectifiers and Their Future Prospects  
(Mekhanicheskiye kontaktnyye vypryamiteli i perspektivy  
ikh razvitiya)

PERIODICAL: Promyshlennaya Energetika 1958, Nr 10, pp 34-36 (USSR)

ABSTRACT: Contact rectifiers are particularly suitable for heavy currents at voltages up to 400 v and their efficiency may be 97%. Work on contact rectifiers was begun in 1939-45 by the German firms A.E.G. and Siemens and the Swiss firm BBC. The different constructions are briefly described, the construction of contacts used by A.E.G. is described and illustrated in Fig.1. The starting circuit of a contact rectifier is given in Fig.2. The rectified voltage can be controlled by adjusting the period for which the contacts are closed. Efficiency data for A.E.G. contact rectifiers are given in Table 1. Similar rectifiers are being made in England. Work is being done to develop new

Card 1/2

Mechanical Contact Rectifiers and Their Future Prospects SOV/94-58-10-14/20  
magnetic materials for the cores of chokes for contact  
rectifiers, square loop materials are preferred.  
There are 3 figures, 2 tables,

Card 2/2

SOV/94-58-10-15/20

AUTHOR: Lewandowski, R.K.

TITLE: The Selection of Fusible Elements for Fuses in Low Voltage Static Capacitor Circuits (Vybor plavkikh vstavok predokhraniteley v tsepyakh staticheskikh kondensatorov nizkogo napryazheniya)

PERIODICAL: Promyshlennaya Energetika 1958, Nr 10, pp 37 (USSR)

ABSTRACT: This brief note gives, with a few notes, a table extracted from the catalogue of the German firm Bosch, Stuttgart. There is 1 table.

Card 1/1

LEWANDOWSKI, H.

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1865

C 1961

LEWANDOWSKI, Stanislaw, mgr

Foamed urea and formaldehyde resins produced on the building ground.  
Inst tech budow biul inf no. 15:21-27 '64.

1. Department of Plastics, Institute of Construction Engineering,  
Warsaw.



LEWANDOWSKI, Stanislaw, mgr

Higher-bulk density Pianizol; results of laboratory tests and field experiments. Inst tech budow biul inf no.11: 33-36 '62.

1. Zaklad Izolacji i Tworzyw Sztucznych, Instytut Techniki Budowlanej, Warszawa.

LEGATY WŁOCH, 2.

Tables of the origin of regenerated and synthetic fibers. p. 198. (PRZEMYSŁ WŁOKIENNICZY, Lodz, Vol. 7, no. 7/8, July/Aug. 1953.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955, Uncl.

POL. 4

2

3379

077.010 : 677.474.772(438)

Lewandowski S. A Method for Determining, Microscopically, the Thickness and Irregularity of Fibres in Steelon Yarn.

„Oznaczanie grubości i nierównomierności włókna w przędzy steelonowej za pomocą mikroskopu”. Przemysł Włókienniczy. No. 2, 1954, pp. 61—63, 4 figs., 3 tabs.

The instrument used for testing the thickness of single Steelon fibres consisted of a microscope with cross stage having a magnifying range of 600 — 100 x, with micrometer adjustment to the eyepiece tube. A micrometer glass graduated every 0.01 mm was used to calibrate the eyepiece tube. The test was carried out using, roughly, from 100 to 200 single fibres each 0.1 to 0.3 mm long, placed on a specimen glass plate and treated with a few drops of glycerine. Investigations extended to the theoretical fundamentals of the metric count system, fibre and irregularity in the diameter of the fibres, to the method of recording test results, to computing the percentage of individual fibres in each thickness class, and to the weight percentage of any given fibre thickness.

LEWANDOWSKI, S.

POL.

3381

677.1/4.004

Lewandowski S. Identification of Textile Raw Materials.

„Identyfikacja surowców włókienniczych”. Przemysł Włókienniczy. No. 3, 1954, pp. 71—92, 90 figs., 3 tabs.

The author cites various means of identifying the more important textile raw materials of vegetable, animal and mineral origin, and synthetic filaments. Three tables are provided for this purpose, the first containing a list of raw materials and the purpose for which they can be used. The second table contains details of differentiating — by means of temperature, chemical reagents, dyes and solvents — between the individual raw materials. The third table explains the micrographic method of identification. Fibres which are to be examined under a microscope must be suitably prepared. In appendices the author specifies methods and media for the maceration, cleaning and decolouring of fibres and for brightening the microscopic image.

Y Degree of cellulose polymerization in ramie fibre. Stoian  
Lewandowski and Zonia Gotwald-Orłowska (Prace Inst. Włók., 1955,  
 4, No. 17, 25-29). — Although it is known from literature data that  
 the ramie fibre has the highest degree of polymerization as compared  
 with other cellulosic fibres, none of the publications disclose the  
 degree of polymerization in ramie from different sources and in  
 various parts of the stem, especially in connection with processing  
 properties and usefulness of these fibres. The investigations described  
 were carried out on Chinese ramie samples; the results show that the  
 fibres with best processing properties are found in the upper part  
 of the stem. These fibres have a lower degree of polymerization than  
 those from other parts of the plant and are, therefore, less rigid.

J. TEXT. INST. (R.B.C.).

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M. A. YOUTZ  
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POLAND / Chemical Technology. Artificial and Synthetic Fibers.

H-32

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 79814.

Author : Lewandowski, S.

Inst : Not given.

Title : Dynel, Its Properties and Application.

Orig Pub: Wlokiennictwo, 1957, 6, No 11, 241-242.

Abstract: The principle scheme for preparing acrylonitrile copolymer with vinyl chloride and making a fiber thereof is described. The chemical and physical-chemical properties of the fiber, its dyeing and processing into fabrics with wool admixture, acetate, viscose and synthetic fibers are described as well as fields for its application.

Card 1/1

POLAND / Chemical Technology. Chemical Products and Their Uses. Part IV. Artificial and Synthetic Fibers.

Abs Jour : Ref Zhur-Khimiya, No 15, 1958, 52273

Author : Lewandowski, Stefan

Inst : -

Title : Polyester Fibers, Their Properties and Applications.

Orig Pub : Przem. wlokienniczy, 1957, 11, No 8, 388-392

Abstract : A survey of properties, finishing and processing methods of polyester fibers. Bibliography, 13 references. --  
E. Nathkan

Card : 1/1

POLAND/Chemical Technology/Chemical Products  
and Their Applications. Artificial and  
Synthetic Fibers.

H

Abs Jour : Ref Zhur-Khimiya, No 6, 1959, 21739

Author : Lewandowski, Stefan

Inst :                     

Title : Orlon - A Polyacrylonitrile Fiber.

Orig Pub : Techn. włokienn., 1958, 7, No 6, 189-190

Abstract : No abstract.

Card : 1/1

V 0073 621.315.62 2  
 Lewandowski S. Wide-Band Ferrite Insulator with Magnetic Tuning.  
 „Szerokopasmowy izolator ferrytowy ze strojeniem magnetycznym”.  
 Przegląd Telekomunikacyjny. No. 8-9, 1958, pp. 284-288, 6 figs.  
 The design and characteristics are here described of a ferrite  
 insulator using in the 8600-9800 megacycles band the magnetically  
 controlled microwave Faraday's effect. The ferrite employed is of

1/1  
 2/1  
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the Ferroxcube B5 type. The results given of measurements taken on  
 this material lead to a better comprehension of the mechanism of  
 losses occurring in it.

POLAND / Chemical Technology. Artificial and Synthetic H-32  
 Fibers.

Lewandowski, S.  
 Spis. Zhur-Khimiya, No 14, 1959, 51921.  
 APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R0009297

Author : Lewandowski, S.  
 Inst : Not given.  
 Title : Polyacrylonitrile Fibers.

Orig Pub: Przegl. włokienn., 1958, 12, No 10, 477-482.

Abstract: Manufacturing scheme for polyacrylonitrile fibers,  
 their properties, photographs of the cross-sectional  
 microsections, names of the firms refining methods,  
 and specific applications.



LEWANDOWSKI, S.

Chemical fibers processed in the wool industry. p. 236.

PRZEGLAD WLOKIENNICZY. (Stowaryszenie Inzynierow i Technikow Przemyslu Wlokienniczego Loda, Poland, Vol. 13, No. 3, May 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, No. 2, Feb. 1959.

Uncl.

LEWANDOWSKI, Stanislaw, mgr inz.

Type Y ferrite circulator for the 3 cm.band. Przegl telekom 35  
no.1:18 Ja '62.

1. Instytut Fizyki, Polska Akademia Nauk, Warszawa.

POL.

2

3120

W21.9:530.41

Lewandowski S. Thermal Deformation in Machine Tools.

"Odkształcenia cieplne obrabiarek", Przegląd Mechaniczny, No. 7, 1963, pp. 242-248, 32 figs.

The author reviews the progress and results of research carried out by Soviet engineers at the Leningrad Polytechnic Institute over thermal deformations in machine tools (lathes, milling and grinding machines). He quotes details of measurements made by himself and Zygmunt Kuźma concerning deformations in milling machines and tem-

peratures in machine tools of various classes. Description of practical means of preventing the detrimental influence of high temperatures in machine tools -- a factor tending to impair accuracy of work and reduce the performance of the machine.

gyp LKH

L. WASHINOWSKI, S.

Short History of Construction of Machine Tools in Russia and U.S.S.R.

Source - PRZEGŁAD MECHANICZNY (Mechanical Engineering Review) Poland  
Vol. XII, No. 10 October 1953, pp. 339-370

LEWANDOWSKI, S.; BALUL, M.

Automatic lines of general-purpose machine tools in assembly-line production.  
(To be contd.) p. 125. (Mechanik, Vol. 29, No. 4, Apr 1956, Warsaw, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

LEWANDOWSKI, S.

Bernard Kowalski's Jak czytać rysunek techniczny maszynowy (How to Read Technical Blueprints of Machinery); a book review. p. 82.  
(MECHANIK. Poland Vol. 30, no. 2, Feb. 1957)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957, Uncl.

LEWANDOWSKI, S.; BALUL, M.

Automatic production lines of combined machine manufacturing  
machines in assembly-line production. p. 166

MECHANIK. (Stowarzyszenie Inzynierow i Technikow Mechanikow  
Polskich) Warszawa, Poland. Vol.4, no.4, July/Aug. 1959.

Monthly List of East European Accession. (EEAI) LC, Vol. 9, no. 1,  
Jan. 1960.

Uncl.

LEWANDOWSKI, Stefan, mgr.,inz.

"Machine tool atlas" by Walter Schmidt. Reviewed by Stefan Lewandowski.  
Mechanik 34 no.1:46 '62.



LEWANDOWSKI, Stefan, mgr. ins.

"Successful management in technology and economy" by Walter  
Schmidt. Reviewed by Stefan Lewandowski. Mechanik 35 no.6:  
360 Je '62.

33722

P/022/62/000/001/003/003  
D206/D305

9.2571 (1147)

AUTHOR: Lewandowski, Stanislaw, Master of Engineering

TITLE: Y-type ferrite circulator for the 3 cm band

PERIODICAL: Przegląd telekomunikacyjny, no. 1, 1962, 18

TEXT: During the summer of 1960, in the University Department of Technology of Ultrashort Waves P.W., a symmetrical waveguide ferrite circulator was developed, similar to that described by B.A. Auld. Further work on the subject was continued by the Institute of Physics PAS. The ferrite circulators described so far cover a narrow band of 1% to 3%. In the laboratories of the Institute of Physics, it was possible to widen the bandwidth to 7%. The results of the experiments also indicate that the band could be widened even further to 10 - 12%. The circulator employs ferrite type Ferroxcube 5. It has been observed that the structural uniformity of the ferrite is important and the precision of the mechanics easily influences the performance, e.g. a deviation of 0.1 mm from the H plane by any of the arms, or the asymmetry of 1 of arm spacings. A concentric

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LEWANDOWSKI, Stefan, mgr inz.

← "The mechanic's workshop handbook." Reviewed by Stefan Lewandowski.  
Méchanik 34 no.8:426 '61.

LEWANDOWSKI, S.

"Analysis of Methods of Determining Measurements in Men's Clothing."  
p. 49, (ODZIEZ, Vol. 5, No. 3, Mar. 1954. Lodz, Poland.)

SO: Monthly List of East European Accessions, (EEAL), LC,  
Vol. 3, No. 12, Dec. 1954, Uncl.

LEWANDOWSKI, S.

Problems of garment cutting and of increasing the number of designs in clothing. p. 173. (MOTORYZACJA, Vol. 5, No. 9, Sept. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEML), LC, Vol. 3, No.12, Dec. 1954, Uncl.

LEWANDOWSKI, S.

Trousers as a part of clothing. p. 177

Vol. 6, no. 9, Sept 1965

ODZIEZ

Lodz

SOURCE: Monthly list of East European Accessions (EEAL) L<sup>C</sup> Vol. 5, no, 2  
February 1956

LEWANDOWSKI, S.

LEWANDOWSKI, S. The problem of the method of cutting in the light of the 7th  
International Clothing Competition. p. 201. Vol. 7, no. 8, Aug. 1956.  
OLZIEZ. Lodz., Poland.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

LEWANDOWSKI, S.

The fundamentals of cutting out women's dresses. p.151  
(ODZIEZ, Vol. 8, No. 6, June 1957, Lodz, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 9, Sept. 1957, Uncl.



LEWANDOWSKI

3158

621-845.129.15.001.3

Lewandowski T. Calculation and Manufacture of Sprocket Wheels for  
Continuously Variable Gears.

POL. A

„Obliczanie i wykonywanie kół łańcuchowych przekładni bezstopniowej”. Przegląd Mechaniczny, No. 4, 1964, pp. 113—117, 13 figs.

The author deals with PIV infinitely variable gears as used in modern machine tool drives which, by providing the means for carrying out facing operations at constant cutting speeds, curtail machining time. The author has computed such gears and, particularly, the dimensions of sprocket wheels. He quotes a computation example, and makes recommendations as to the manufacture of sprocket wheels. He describes in full detail the method of cutting the grooves on the periphery of sprocket wheels, by means of a 2FWA type horizontal milling machine.

JP

LEWANDOWSKI, T.

Computation of heavy machine-tool feed mechanisms with regard to the uniformity of the feed and the accuracy of positioning. p.110.

PREZEGLAD MECHANICZNY (Stowarzyszenie Inzynierow i Technikow Mechanikow Poliskich) Warszawa, Poland. Vol. 18, no. 4, February, 1959.

Monthly list of East European Accessions Index, (EEAI) IC. Vol. 8, no. 66  
June, 1959.  
uncla.

P/035/61/000/002/003/003  
A076/A126

AUTHOR: Lewandowski, Tadeusz, Master

TITLE: Pitting criteria of gear tooth surfaces

PERIODICAL: Przegląd Mechaniczny, no. 2, 1961, 59 - 60

TEXT: The author describes and substantiates pitting criteria of gear tooth surfaces, points out the importance of an accurate definition of pitting criteria during endurance tests and evaluation of wear. Two types of pittings are recognized at present, i.e., initial pitting and destructive pitting. Initial pitting is not very dangerous and gears showing it may be in operation for some time before destructive pitting occurs. The proper definition of destructive pitting is very important. The destructive pitting criteria accepted by engineers are not yet supported by practice. As an example, a gear tooth wheel showing 3 pittings, each about 0.001 inch diameter is regarded as useless. This type of criterion is not logical, as only a wheel with a module of  $m = 1$  mm and rim thickness of  $b = 8$  mm showing 3 pittings of 0.001" in diameter each is useless, however, in a wheel with a module of  $m = 10$  mm and a rim thickness of  $b = 80$  mm such pittings are insignificant. The appearance of pitting as shown dur-

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CIA-RDP86-00513R000929710

Pitting criteria of gear tooth surfaces

P/035/61/000/002/003/003  
A076/A126

ing investigations conducted by the author at the CEKO is not abrupt and in the case of a wheel with a 10 mm module it would be wrong to assume that further pitting would occur at an increased rate. It is adequate to define destructive pitting according to the following method (Fig. 2): 1) The width of pitting  $x_1$ ,  $x_2$  and  $x_3$  should be measured along the straight line 1, parallel to the gear rim. 2) Ratio between the total length of segments to tooth width  $b$  should be calculated as  $s = \frac{\sum x_i}{b}$  (1); 3) The maximum value of  $S$  should be derived from  $S_1, S_2, \dots$  values obtained by measurements along various parallel lines 1. The tooth surface  $S_{max}$  should be accepted as a measure of wear. This measure is independent of wheel module, thickness, etc.  $S_{max}$  is any increasing function of the number of cycles  $n$  made by the wheel, and its value is not higher than  $S_{max} = f(n) \leq 1$ . In order that destructive pitting may be ascertained the following actions must be taken into consideration and their forces calculated. Inter-tooth pressure  $p$  at constant load and circumference speed are approximately reversely proportional to square root from the width of tooth gear rim  $b$   $p = \frac{c}{\sqrt{b}}$  (2), where  $c$  is the ratio coefficient. If pitting occurs, the width of the rim decreases by  $\Delta b = \sum x_i$  and pressure increases by  $\Delta p$  and amount to  $p + \Delta p = \frac{c}{\sqrt{b - \Delta b}}$  (3). Relative increase of inter-tooth pressure for  $S_{max}$  is calculated as follows:

LEWANDOWSKI, Tadeusz, mgr

Guiding unit of the Numeroblock system; linear interpolator  
and pulse phase transformers. Przegl mech 24, no. 3:69-72  
20 F '65.

1. Head, Laboratory of the Central Machine Tool Design Office,  
Pruszkow.

LEMI-NDOWSKI, Tadeusz, MSc

Guiding unit of the Numeroblock system; linear interpolator  
and pulse phase transformers. Przegl. techn. 24 no.4:113-115  
25 F '65.

1. Head, Laboratory of the Central Machine Tool Design Office,  
Pruzzkow.

LEWANDOWSKI, Wladyslaw; ZRANIBORSKI, Olbracht

A new apparatus for quantitative diminution of coal and coke samples based on the centrifugal force. Koks smola gaz 6 no.6: 223-229 '61.

1. Instytut Chemicznej Przerobki Wegla

LEWANDOWSKI, Wladyslaw [deceased]

Progressive hemiatrophy of the face. Czas. stomat. 18 no.4:  
407-413 Ap'65.

1. Z Kliniki Chirurgii Stomatologicznej Akademii Medycznej  
w Poznaniu (Kierownik: prof. dr. Stadnicki).



LEWANDOWSKI, W.

"Changes in the composition of coke-oven gas during its storing in underground containers" by C. Degant, C. Housse, C. La Bros.  
Reviewed by W. Lewandowski. Koks 7 no.4:159-160 J1-Ag '62.

LEWANDOWSKI, Zdzisław

Notes on veneer wood and oak veneer. Przem drzewny 13 no.4:23-24 Ap  
'62.

KOLONKO, N. Mrs.; LEWANDOWSKI, Z.; MAKOWSKA-Rzeszutko, M. Mrs.;  
NIEWODNICZANSKI, H.; WIKTOR, S.; WROBEL, Z. Mrs.

Energy and angular distributions of the neutrons from the stripping  
reaction  $^{12}\text{C}(\text{d},\text{n})^{13}\text{N}$ . Acta physica Pol 23 no.2:225-234 F '63.

1. Institute of Nuclear Physics, Krakow, and Institute of Physics,  
Jagellonian University, Krakow.

2  
Lewandowski, Zdzisław. Quelques remarques sur les théorèmes de Schild relatifs à une classe de fonctions univalentes. Ann. Univ. Mariae Curie-Skłodowska, Sect. A. 9 (1955), 149-155 (1957). (Polish and Russian summaries)

Let  $\Phi$  be the class of functions  $f(z) = z - \sum_{n=2}^{\infty} a_n z^n$  regular in  $|z| < 1$  and such that  $\sum_{n=2}^{\infty} n|a_n| \leq 1$ . The author proves that  $f(z) \in \Phi$  maps  $|z| < \frac{1}{2}$  onto a convex domain and  $|z| < 1$  onto a domain starlike with respect to the origin. These results had previously been proved by Schild [Proc. Amer. Math. Soc. 5 (1953), 115-120; MR 15, 694] when in addition  $f(z)$  is a polynomial and the  $a_n$  are nonnegative. Other results of Schild extend without change of proof.

The author further proves the sharp inequality

$$\left| \frac{f''(z)}{f'(z)} \right| \leq \frac{1}{1-|z|}$$

for  $f(z) \in \Phi$ , when the  $a_n$  are nonnegative, and says that this is due to J. Krzyż.

W. K. Hayman.

Some Remarks on the Theorem of Schild Relative to a Class of Single-Valued Functions.

LEWANDOWSKI, Z., Radziszewski, K.

The geometric locus of a chord's middle points dividing on oval plane in the ratio  
K. In French. p. 177  
(ANNALES MATHEMATICA. Vol. 9, n o. 1. 1955, Lublin, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957.  
Uncl.

LEWANDOWSKI, Z., Radziczewski, K.,

The geometric locus of a chord's middle points dividing the perimeter of an oval plane in the ratio K. In French. p/ 181.  
(ANNALES MATHEMATICA. Vol. 9, no. 1, 1955, Lublin, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957.  
Uncl.

*- LEWANDOWSKI, ZBIGNIEW*

POLAND/Nuclear Physics - Instruments and Installations. Methods of C-2  
Measurement and Investigation

Abs Jour : Ref Zhur - Fizika, No 2, 1958, No 2807

Author : Jarczyk Lucjan, Lewandowski Zbigniew

Inst : Jagellonian University, Cracow

Title : Application of the Herschell Effect for Selective Erasing of  
Background in Nuclear Emulsion

Orig Pub : Acta phys. polon., (1956) 15, No 2, 143-145

Abstract : To improve the visibility of various nuclear phenomena in photographic emulsions against a large background due to gamma radiation, use is made of the Herschell effect. The emulsions prepared by Marconi 120 microns thick were filled with lithium and irradiated by a stream of slow neutrons from a radium source (dose of gamma quanta was  $2 \times 10^{11}$  photon/cm<sup>2</sup> of emulsion). The emulsions were then exposed to a 300 watt incandescent lamp with an infrared filter and developed in amidol at a pH < 6.4. The density of the grains in the tracks of the particles and of the tritons obtained from the  $\text{Li}^6$  (n,  $\alpha$ )T reaction was studied along with a number of grains

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POLAND/Nuclear Physics - Instruments and Installations. Methods of C-2  
Measurement and Investigation

Abs Jour : Ref Zhur - Fizika, No 2, 1958, No 2807

of the background in a unit volume selected by the authors, as a function of the exposure time to the infrared rays. Similar experiments were made with tracks of  $\alpha$  particles from thorium C'. The analysis of the experimental data shows that the Herschell effect improves the visibility of the tracks against a strong background of gamma rays. There exists an optimum dose of infrared rays, depending on the type of the observed particles. The quantity  $\eta/\eta_0$  ( $\eta$  is the ratio of the effect to the background when exposed to rays and  $\eta_0$  the effect without exposure), corresponding to the optimum removal of the background, changes with the ionizing ability of the particles.

Card : 2/2

COUNTRY : Poland  
CATEGORY : Chemical Technology. Chemical Products and Their Applications--Elements. Oxides. Mineral acids.\*  
ABS. JOUR. : RZKhim., No. 21 1959, No. 75390

AUTHOR : Levandowski, Z.  
AFST. : Not given  
TITLE : The Basic Chemicals Industry in Finland

ORIG. PUB. : Przemysl Chem, 13, No 10, 572-585 (1957)

ABSTRACT : A review article. Finnish pyrite mines, kilns for the roasting of pyrites and the production of  $SO_2$ , and sulfuric acid and superphosphate plants are described. The widespread use of automatic controls is noted.

S. Yavorovskaya



P/045/60/019/005/005/005  
B011/B059

AUTHORS: Lewandowski, Z.; Makowska-Rzeszutko, M.; Wróbel, Z.  
TITLE: Fading of Alpha Particle Tracks<sup>in</sup> Nuclear Emulsions and a  
Method for the Correction of the Visibility of Alpha Particle  
Tracks in the Gamma Background  
PERIODICAL: Acta Physica Polonica, 1960, Vol. 19, No. 5, pp. 599 - 603  
(Poland)

TEXT: The present letter to the editor briefly deals with the problem given in the title; a more detailed account will be published soon. The authors suggested a method of removing alpha particle tracks from ННКФИ-К (NIKFI-K) and Agfa-K2 emulsions in a time of less than two hours. These alpha and gamma tracks were removed by oxidizing them with hydrogen peroxide vapor of different concentrations at 32° and 28°C. The gamma background may be reduced by oxidizing the emulsion between exposure and development, e.g., for less than 55 minutes in 6% H<sub>2</sub>O<sub>2</sub> vapor at 32°C, during which time the number of grains of alpha particle tracks, for example, decreases only

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LEWANDOWSKI, Zdzisław

Development perspectives of chemical raw material mining in Poland.  
Przem chem 39 no.6:297-301 Je '60.

1. Zjednoczenie Kopalnictwa Surowcow Chemicznych, Warszawa

LEWANDOWSKI, Zdzislaw

The importance of mineral salts for the industry and national economy.  
Przegl geol 9 no.11:569-570 '61.

1. Zjednoczenie Kopalnictwa Surowcow Chemicznych.

(Poland—Salts)

LEWANDOWSKI, Z.

BIELECKI, A.

POLAND

Not given (Lublin)

Warsaw, Colloquium Mathematicum, No. 2, 1962, pp 299-303

"On Certain Majorants of Holomorph Functions in Unit Circle"

Co-author:

LEWANDOWSKI, Z., (Lublin)

LEWANDOWSKI, Zdzisław

Development prospects for sulfur mining in Poland. Przem chem  
41 no.9:478-479 S '62.

1. Zjednoczenie Kopalnictwa Surowcow Chemicznych, Warszawa.

BIELECKI, A.; LEWANDOWSKI, Z. (Lublin)

A theorem concerning the accessible linear univalent functions  
of M. Biernacki. Annales pol math 12 no.1:61-63 '62.

KOLONKO, N.; LEWANDOWSKI, Z.; MAKOWSKA-RZESZUTKO, M.; NIEWODNICZANSKI, H.;  
WIKTOR, S.; WROBEL, Z.

Energy and angular distributions of the neutrons from the stripping  
reaction  $^{12}\text{C}(d,n)^{13}\text{N}$ . Inst fiz jadr report no.200:1-15 J1 '62.

1. Instytut Fizyki Jadrowej, Krakow (for all except Wrobel).
2. Instytut Fizyki, Uniwersytet Jagiellonski, Krakow (for Wrobel).

BIELECKI, A.; KRZYŻ, J.; LEWANDOWSKI, Z.

On typically-real functions with a preassigned second coefficient.  
Bul Ac Pol mat 10 no.4:205-208 '62.

1. Institute of Mathematics, Polish Academy of Sciences, Warsaw.  
Presented by A. Mostowski.



BIELECKI, A.; LEMANDOWSKI, Z. (Lublin)

Generalization of some theorems of M. Biernacki on analytic functions.  
Annales pol math 12 no.1:65-70 '62.

1. Instytut Matematyczny, Polska Akademia Nauk, Warszawa.

LEWANDOWSKI, Zb.

The EMC type direct current electromagnet. Przegl mech 22 no.2:  
54 25 J '63.

KRZYŻ, J.; LEWANDOWSKI, Z.

On the integral of univalent functions. *Bul. Ac. Pol. mat.*  
11 no.7:447-448 '63.

1. Institute of Mathematics, Polish Academy of Sciences,  
Warsaw, and Department of Mathematics, M. Curie-Skłodowska  
University, Lublin. Presented by A. Mostowski.

LEWANDOWSKI, Z.

Superconductivity of the  $\eta$   $^{238}$  nucleus, a possible explanation of the measured nuclear temperature. Inst fiz jadr report no.259:1-5 '63.

1. Instytut Fizyki Jadrowej, Krakow.